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February 14, 2006

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Application No. 10/030,537
Filed: April 23, 2002
Title: Nucleic Acid Molecules and Other Molecules Associated
with Sterol Synthesis and Metabolism
Applicants: Balasulojini KARUNANANDAA *et al.*
Atty. Docket: 16518.121

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office (PTO):

1. a Response; and
2. a return postcard.

Please stamp the attached postcard with the filing date of these documents and return it to our courier.

In the event that extensions of time beyond those petitioned for herewith are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned. Applicants do not believe any fees are due in conjunction with this filing. However, if any additional fees are required in the present application, including any fees for extensions of time, then the Commissioner is hereby authorized to charge such fees to Arnold & Porter LLP Deposit Account No. 50-2387 referencing matter number 16518.121. A duplicate copy of this letter is enclosed.

Respectfully submitted,

David R. Marsh (Reg. No. 41,408)
Kristan L. Lansbery (Reg. No. 53,183)

Enclosures



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Balasulojini KARUNANANDAA *et al.*

Appln. No.: 10/030,537

Filing Date: April 23, 2002

Conf. No.: 4151

Art Unit: 1638

Examiner: Russell KALLIS

Atty. Docket: 16518.121

For: ***Nucleic Acid Molecules and Other Molecules Associated with Sterol Synthesis and Metabolism***

RESPONSE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
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Sir:

In response to the Office communication mailed July 14, 2005 ("Office Action"), Applicants provide the following amendments and remarks.

Amendments to Claims begin on page 2.

Remarks begin on page 7.